

AMENDMENTS TO THE CLAIMS

1. (CURRENTLY AMENDED) A networked health-monitoring system, comprising:

i) a plurality of remote patient sites, each site of said plurality of remote patient sites including a device having (i) at least one display, (ii) a data management unit configured to facilitate collection of ~~patient~~ health-related data, of at least one patient, (iii) a memory circuit, and (iv) stored program instructions for collecting said health-related data and generating ~~health-monitoring related~~ information in response to said health-related data on the display; and

ii) at least one central server connectable for communication with the device ~~data management unit~~ at each remote patient site, wherein said at least one central server is configured to (i) receive said health-related data from said device, (ii) analyze said health-related data, (iii) produce reports, including standardized reports, from said health related data, (iv) transmit said reports to a health care professional associated with said at least one patient, and (v) the system is configured to transmit at least one message for presentation display on said at least one display and in which said at least one message is a sent by said health care professional in response to at least one of said reports ~~selected message.~~

2. (CURRENTLY AMENDED) The system of claim 1, wherein the at least one message includes step-by-step instructions.

3. (CURRENTLY AMENDED) The system of claim 1, wherein the at least one message includes results of a test.

4. (CURRENTLY AMENDED) The system of claim 1, wherein the at least one message is a multi-line message.

5. (CURRENTLY AMENDED) The system of claim 1 wherein the health-care professional generates the ~~selected~~ at least one message.

6. (CURRENTLY AMENDED) The system of claim 1, wherein the at least one message is educational or motivational.

7. (CURRENTLY AMENDED) The system of claim 1, wherein the ~~system~~ at least one central server is configured to transmit the at least one message to a specific patient.

8. (CURRENTLY AMENDED) The system of claim 7, wherein the ~~system~~ at least one central server is configured to transmit the at least one message automatically to the specific patient.

9. (CURRENTLY AMENDED) The system of claim 7, wherein the ~~system~~ at least one central server enables the specific patient to choose when to receive the at least one message.

10. (CURRENTLY AMENDED) The system of claim 7, wherein the ~~messages~~ at least one message can be stored before being transmitted to the specific patient.

11. (CURRENTLY AMENDED) The system of claim 1, further comprising at least one health-monitoring device configured

i) to monitor at least one health condition of said at least one patient ~~health condition~~ at at least one remote patient site;

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and

ii) to communicate data related to ~~the monitored~~ said at least one health condition to the at least one central server.

12. (CURRENTLY AMENDED) The system of claim 11, wherein the data management unit facilitates collection of said health-related data by receiving said data related to ~~the monitored~~ said at least one health condition from at least one of the health-monitoring devices.

13. (PREVIOUSLY PRESENTED) The system of claim 11, wherein at least one of the health-monitoring devices includes one or more of the set consisting of

- i) a blood glucose monitor;
- ii) a peak flow meter;
- iii) a blood pressure monitor;
- iv) a pulse monitor; and
- v) a body temperature monitor.

14. (CURRENTLY AMENDED) The system of claim 1, wherein the data management unit is configured to facilitate collection of said health-related data entered by ~~a~~ said at least one patient at ~~the~~ a remote patient site using buttons, keys or switches.

15. (CURRENTLY AMENDED) The system of claim 11, wherein the data management unit is physically separate from the at least one display.

16. (CURRENTLY AMENDED) The system of claim 15, wherein the memory circuit and the display form a part of at least one of the at least one health-monitoring devices.

17. (CURRENTLY AMENDED) The system of claim 16, wherein the display device is ~~in~~ a handheld device.

18. (CURRENTLY AMENDED) The system of claim 17, wherein the handheld device is capable of displaying pictorial ~~health-monitoring-related~~ information related to said at least one health condition.

19. (CURRENTLY AMENDED) The system of claim 18, wherein the handheld device is capable of displaying animated ~~health-monitoring-related~~ information related to said at least one health condition.

20. (CURRENTLY AMENDED) The system of claim 19, wherein the memory circuit is a program cartridge.

21. (CURRENTLY AMENDED) The system of claim 1, wherein the plurality of remote patient sites further include at least one ~~personal~~ computer connected to the data management unit.

22. (CANCELLED).

23. (CURRENTLY AMENDED) The system of claim 1 22, further comprising at least one ~~health care professional~~ computer corresponding to said health care professional and said computer is remotely located from and in signal communication with the at least one central server to receive the reports.

24. (CANCELLED).

25. (CURRENTLY AMENDED) The system of claim 23 ~~24~~, wherein the system is configured to allow a said health care professional to select which of a plurality of standardized reports is produced.

26. (CURRENTLY AMENDED) The system of claim 23 ~~22~~, wherein the report uses graphs and/or icons.

27. (CANCELLED).

28. (CURRENTLY AMENDED) The system of claim 23 ~~22~~, wherein the report can be generated periodically.

29. (CURRENTLY AMENDED) The system of claim 1 ~~22~~, wherein the system is configured to cause the presentation of at least one report on the at least one display at a remote patient site.

30. (CURRENTLY AMENDED) The system of claim 23 ~~22~~, wherein the system can display statistical and/or trend information.

31. (CURRENTLY AMENDED) The system of claim 30, wherein the system can display statistical or trend information to ~~a~~ said at least one patient.

32. (ORIGINAL) The system of claim 23 ~~24~~, wherein the ~~report includes information~~ reports include data for a period of time.

33. (CURRENTLY AMENDED) The system of claim 1, wherein the system is configured to allow the at least one patient to control the display of information using at least one menu.

34. (CURRENTLY AMENDED) The system of claim 33, wherein the system is configured to allow the at least one patient to select any one of ~~the~~ operational modes from the set consisting of:

- i) a display mode for displaying relevant information;
- ii) an input mode for providing information; and
- iii) a communications mode for establishing a link with the at least one central server.

35. (CURRENTLY AMENDED) The system of claim 33, wherein the menu allows ~~a~~ said at least one patient to select a monitoring mode in which ~~a health-monitoring~~ said device is used to monitor at least one ~~patient~~ health condition of said at least one patient at

5 at least one remote patient site; and to communicate data related to ~~the monitored~~ said at least one health condition to the at least one central server.

36. (CURRENTLY AMENDED) The system of claim 33, wherein the menu allows ~~a~~ said at least one patient to display messages or instructions from ~~a~~ said health care professional.

37. (CURRENTLY AMENDED) The system of claim 1, wherein the system is configured to allow the at least one patient to respond to information on the at least one display by using a cursor or other indicator positioned at a selected item.

38. (CURRENTLY AMENDED) The system of claim 1, wherein the system is configured to enable ~~programs~~ said program instructions to be (i) ~~to be~~ provided from the server for storage in ~~a~~ said memory circuit and ~~execution~~ (ii) executed by said device at a remote patient site.

39. (CURRENTLY AMENDED) The system of claim 1, wherein the at least one patient can indicate ~~user experienced symptoms~~ to the system symptoms related to at least one health condition of said at least one patient.

40. (ORIGINAL) The system of claim 1, wherein the system can capture quantitative measurements.

41. (CURRENTLY AMENDED) The system of claim 40, wherein the collected ~~patient~~ health-related data includes time data.

42. (ORIGINAL) The system of claim 37, wherein the system can capture medication data.

43. (CURRENTLY AMENDED) The system of claim ~~23~~ 22, wherein the ~~healthcare professional~~ computer receives the reports ~~report~~ after transmitting an authorization code to the at least one central server, wherein said authorization code ~~that~~ identifies a user as said an-associated healthcare professional as an-authorized ~~user~~ user.

44. (CURRENTLY AMENDED) The method comprising:

at a plurality of remote patient sites, each site of said plurality of remote patient sites including a device having (i) at least one display, (ii) a data management unit facilitating
5 collection of ~~patient~~ health-related data of at least one patient using a data management unit, and (iii) ~~using stored program instructions~~ stored in a memory circuit to collect said health-

related data and generate health-monitoring-related information in response to said health-related data on at least one display; and

10 ~~collecting patient-health related data~~ connecting at least one central server for communication with the device data management units at the plurality of remote patient sites, wherein said at least one central server is configured to (i) receive said health-related data from said device, (ii) analyze said health-related data, (iii) produce reports, including standardized reports, from said health related data, (iv) transmit said reports to a health care professional associated with said at least one patient, and (v) transmit at least one ~~site and transmitting~~ message for presentation display on said at least one display in which and said at least one message is sent by said a health care professional in response to at least one of said reports selected message.

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45. (CURRENTLY AMENDED) The method of claim 44, wherein the at least one message includes step-by-step instructions.

46. (CURRENTLY AMENDED) The method of claim 44, wherein the at least one message includes results of a test.

47. (CURRENTLY AMENDED) The method of claim 44, wherein the at least one message is a multi-line message.

48. (CURRENTLY AMENDED) The method of claim 44, wherein the health-care professional generates the ~~selected~~ at least one message.

49. (CURRENTLY AMENDED) The method of claim 44, wherein said at least one message is educational or motivational.

50. (CURRENTLY AMENDED) The method of claim 44, wherein the at least one message is transmitted to a specific patient.

51. (CURRENTLY AMENDED) The method of claim 50, wherein the at least one message is transmitted automatically to the specific patient.

52. (CURRENTLY AMENDED) The method of claim 50, wherein the at least one message is transmitted to the specific patient when the specific patient chooses.

53. (CURRENTLY AMENDED) The method of claim 50, wherein the at least one message is stored before being transmitted to the specific patient.

54. (CURRENTLY AMENDED) The method of claim 44, further comprising using at least one health-monitoring device configured

to monitor at least one ~~patient~~ health condition of said
at least one patient at at least one remote patient site;
and

to communicate data related to the ~~monitored~~ at least one
health condition to the at least one central server.

55. (CURRENTLY AMENDED) The method of claim 54, wherein
the data management unit facilitates collection of said health-
related data by receiving data related to the ~~monitored~~ at least
one health condition from at least one of the health-monitoring
devices.

56. (CURRENTLY AMENDED) The method of claim 54, wherein
said at least one health-monitoring device includes one or more of
the set consisting of

a blood glucose monitor;
a peak flow meter;
a blood pressure monitor;
a pulse monitor; and
a body temperature monitor.

57. (CURRENTLY AMENDED) The method of claim 44, wherein
the data management unit is configured to facilitate collection of

health-related data entered by ~~a~~ said at least one patient at ~~the~~
a remote patient site using buttons, keys or switches.

58. (CURRENTLY AMENDED) The method of claim 54, wherein
the data management unit is physically separate from the at least
one display.

59. (CURRENTLY AMENDED) The method of claim 58, wherein
the memory circuit and the at least one display form a part of at
least one of the health-monitoring devices.

60. (CURRENTLY AMENDED) The method of claim 59, wherein
the device display is in a handheld device.

61. (CURRENTLY AMENDED) The method of claim ~~60~~ 59,
further comprising displaying on the handheld device pictorial
~~health-monitoring-related~~ information related to said at least one
health condition on the handheld devices.

62. (CURRENTLY AMENDED) The method of claim 61, further
comprising displaying on the handheld device animated ~~health-~~
~~monitoring-related~~ information related to said at least one health
condition on the handheld devices.

63. (CURRENTLY AMENDED) The method of claim 61, wherein the memory circuit is a program cartridge.

64. (CURRENTLY AMENDED) The method of claim 44, further comprising connecting at least one ~~personal~~ computer to the data management unit.

65. (CURRENTLY AMENDED) The method of claim 44, further comprising generating at least one report based on the ~~patient~~ health-related data collected at the plurality of remote patient sites.

66. (CURRENTLY AMENDED) The method of claim ~~44~~ 65, further comprising remotely locating and connecting a ~~professional~~ computer corresponding to said health care professional and said computer is in signal communication with the central server to receive the reports ~~report~~.

67. (CANCELLED).

68. (CURRENTLY AMENDED) The method of claim ~~66~~ 67, wherein a health care professional selects which of a plurality of standardized reports is produced.

69. (CURRENTLY AMENDED) The method of claim 66 65, wherein the ~~report uses~~ reports use graphs and/or icons.

70. (CURRENTLY AMENDED) The method of claim 66 65, wherein the report is generated periodically.

71. (CANCELLED).

72. (ORIGINAL) The method of claim 65, further comprising displaying the report on a display at a remote patient site.

73. (CURRENTLY AMENDED) The method of claim 66 65, further comprising displaying statistical and/or trend information.

74. (CURRENTLY AMENDED) The method of claim 73, further comprising displaying statistical or trend information to ~~a~~ said at least one patient.

75. (CURRENTLY AMENDED) The method of claim 66 65, wherein the ~~report includes~~ reports include information data for a period of time.

76. (CURRENTLY AMENDED) The method of claim 44, further comprising allowing the at least one patient to control the display of information using at least one menu.

77. (CURRENTLY AMENDED) The method of claim 76, wherein the menu allows ~~a~~ said at least one patient to select any one of ~~the~~ operational modes from the set consisting of:

a display mode for displaying relevant information;

5 an input mode for providing information; and

a communications mode for establishing a link with the at least one central server.

78. (CURRENTLY AMENDED) The method of claim 76, wherein the menu allows ~~a~~ said at least one patient to select a monitoring mode in which ~~a health-monitoring~~ said device is used to monitor at least one health condition of said at least one patient ~~health condition~~ at at least one remote patient site; and

5 to communicate data related to the ~~monitored~~ at least one health condition to the at least one central server.

79. (CURRENTLY AMENDED) The method of claim 76, wherein the menu allows ~~a~~ said at least one patient to display messages or instructions from ~~a~~ said health care professional.

80. (CURRENTLY AMENDED) The method of claim 44, wherein the at least one patient responds to information on the at least one display by using a cursor or other indicator positioned at a selected item.

81. (CURRENTLY AMENDED) The method of claim 44, further comprising:

providing ~~programs~~ said program instructions from the at least one central server to said device at a remote patient site; and

storing said program instructions in ~~a~~ said memory circuit; and

executing ~~the programs~~ said program instructions on said device at the remote patient site.

82. (ORIGINAL) The method of claim 44, wherein the at least one patient indicates ~~user experienced symptoms~~ to the system symptoms related to at least one health condition.

83. (ORIGINAL) The method of claim 44, further comprising capturing quantitative measurements.

84. (ORIGINAL) The method of claim 83, further comprising capturing medication data.

85. (CURRENTLY AMENDED) The method of claim 83, wherein the collected ~~patient~~ health-related data includes time data.

86. (CURRENTLY AMENDED) The method of claim 44, further comprising receiving the ~~report~~ reports after transmitting an authorization code to the at least one central server, wherein said authorization code ~~that~~ identifies a user as an associated said healthcare professional ~~as an authorized user~~.

87. (CURRENTLY AMENDED) A networked health-monitoring system configured to collect and process ~~patient~~ health-related data of at least one patient, comprising:

a plurality of remote patient sites, each site of said
5 plurality of remote patient sites including: (i) a device having means for displaying information,7 (ii) a data management unit means for facilitating collection of patient health-related data,7 (iii) a memory means,7 and (iv) a stored program means for collecting said health-related data and generating health-
10 monitoring-related information in response to said health-related data on the display;

at least one central server means connectable for communication with the data management unit at each remote patient site, wherein said at least one central server is configured to (i)
15 receive said health-related data from said device, (ii) analyze

said health-related data, (iii) produce reports, including
standardized reports, from said health related data, (iv) transmit
said reports to a health care professional associated with said at
least one patient, ~~selected message, and means for transmitting~~
20 ~~messages for~~ (v) transmit at least one message for presentation
display on said means for displaying information ~~at least one~~
display and in which said at least one ~~message of the messages~~ is
sent by said a health care professional in response to at least one
of said reports.

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